

UK Patent Application GB 2 155 830 A

(43) Application published 2 Oct 1985

(21) Application No 8506481

(22) Date of filing 13 Mar 1985

(30) Priority data

(31) 20046

(32) 14 Mar 1984

(33) IT

(71) Applicants

Nuovo Pignone SpA (Italy),
Via F. Matteucci 2, Florence, Italy
SNAM SpA (Italy),
Corso Venezia 16, Milan, Italy

(72) Inventors

Gian Pietro Ferrari Aggradi,
Giampaolo Bonfiglioli

(74) Agent and/or Address for Service

Heseltine Lake & Co.,
Hazlitt House, 28 Southampton Buildings, Chancery Lane,
London WC2A 1AT

(51) INT CL⁴
B21D 39/04

(52) Domestic classification
B3J 15
U1S 1880 B3J

(56) Documents cited

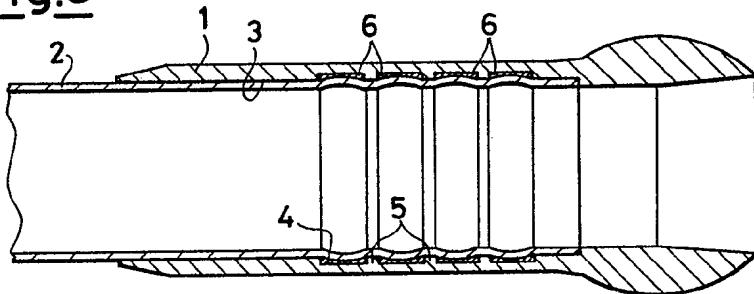
GB A 2102320 GB A 2028450
GB A 2079204 GB 1519537
GB A 2034622

(58) Field of search
B3J

(54) Method of joining a sleeve to a pipe

(57) Method for tightly jointing a sleeve 1 to a submarine pipe 2 laid on very deep sea-bottom, characterized by the preliminary stages of providing a series of grooves 4 on the inside surface of the sleeve, and of filling each one of said grooves with two half-rings (6) made of a material collapsible under high pressures with up to a 70% variation of its volume. The material may comprise glass spheres bonded together by an epoxy resin.

Fig.3



GB 2 155 830 A